EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	199	(US-20020105732-$ or US-20030053738-$ or US-20050105913-$ or US-20060008276-$ or US-20060151044-$ or US-20070081773-$).did. or (US-6122425-$ or US-5024534-$ or US-5291570-$ or US-6217211-$ or US-4259543-$ or US-4270049-$ or US-4364656-$ or US-4376248-$ or US-4460159-$ or US-4523257-$ or US-4548567-$ or US-4556930-$ or US-4567366-$ or US-4615583-$ or US-4616317-$ or US-4631400-$ or US-4803353-$ or US-4806086-$ or US-4834479-$ or US-4981333-$ or US-5000539-$ or US-5012087-$ or US-5024503-$ or US-5177808-$ or US-5200615-$ or US-5218356-$).did. or (US-5239581-$ or US-5263686-$ or US-5274722-$ or US-5301959-$ or US-5304396-$ or US-5315257-$ or US-5315684-$ or US-5328155-$ or US-5333501-$ or US-5345531-$ or US-5347601-$ or US-5347606-$ or US-5355427-$ or US-5371819-$ or US-5371821-$ or US-	US-PGPUB; USPAT	OR	ON	2007/09/26 17:47

5371827-$ or US-
5416875-$ or US-
5444810-$ or US-
5452082-$ or US-
5519324-$ or US-
5526160-$ or US-
5551484-$ or US-
5608834-$ or US-
5621830-$ or US-
5647435-$ or US-
5653736-$ or US-
5664040-$).did. or (US-
5692090-$ or US-
5708745-$ or US-
5717807-$ or US-
5858161-$ or US-
5861575-$ or US-
5913001-$ or US-
5920413-$ or US-
5949022-$ or US-
5953140-$ or US-
6032449-$ or US-
6057996-$ or US-
6058235-$ or US-
6067395-$ or US-
6137935-$ or US-
6179627-$ or US-
6198871-$ or US-
6229944-$ or US-
6234656-$ or US-
6237969-$ or US-
6256433-$ or US-
6319242-$ or US-
6321017-$ or US-
6359714-$ or US-
6361180-$ or US-
6385381-$ or US-
6429926-$ or US-
6456381-$).did. or (US-
6456444-$ or US-
6547435-$ or US-
6618211-$ or US-
6924474-$ or US-
4875215-$ or US-
6094517-$ or US-
4516830-$ or US-
4595839-$ or US-
4632507-$ or US-
4805547-$ or US-
4859020-$ or US-
4972513-$ or US-
5289555-$ or US-
5778117-$ or US-
4786138-$ or US-
4899043-$ or US-
5287212-$ or US-

5396572-$ or US-
5600747-$ or US-
5712936-$ or US-
5799116-$ or US-
5812297-$ or US-
6034801-$ or US-
6051967-$ or US-
6113420-$ or US-
6185352-$ or US-
4265512-$).did. or (US-
4274708-$ or US-
4289398-$ or US-
4309071-$ or US-
4313224-$ or US-
4319951-$ or US-
4325137-$ or US-
4334733-$ or US-
4393516-$ or US-
4406514-$ or US-
4437789-$ or US-
4452072-$ or US-
4473841-$ or US-
4507645-$ or US-
4589285-$ or US-
4809361-$ or US-
4830458-$ or US-
4873431-$ or US-
4896939-$ or US-
4921468-$ or US-
4933990-$ or US-
4936151-$ or US-
4943138-$ or US-
5003578-$ or US-
5196899-$ or US-
5233678-$ or US-
5297227-$ or US-
5414540-$).did. or (US-
5452075-$ or US-
5468913-$ or US-
5469442-$ or US-
5469522-$ or US-
5469745-$ or US-
5535298-$ or US-
5615037-$ or US-
5639183-$ or US-
5644673-$ or US-
5645438-$ or US-
5648961-$ or US-
5677974-$ or US-
5713700-$ or US-
5722842-$ or US-
5748348-$ or US-
5768459-$ or US-
5784514-$ or US-
5790286-$ or US-
5794117-$ or US-

		5809186-$ or US-5867295-$ or US-5879109-$ or US-5880865-$ or US-5892871-$ or US-5896216-$ or US-5896272-$ or US-5896474-$).did. or (US-5920802-$ or US-5930016-$ or US-5946193-$ or US-5950298-$ or US-5963562-$ or US-5966489-$ or US-5978537-$ or US-5995262-$ or US-6031233-$ or US-6031645-$ or US-6046832-$ or US-6055077-$ or US-6115937-$ or US-6122971-$ or US-6134035-$ or US-6137932-$ or US-6176022-$ or US-6236790-$ or US-6238249-$ or US-4244045-$ or US-4245660-$ or US-4246475-$ or US-4257675-$ or US-4272155-$ or US-4279470-$ or US-4279468-$ or US-4281416-$).did. or (US-4281253-$ or US-4296997-$ or US-4296996-$ or US-4300239-$ or US-4314741-$).did.					
S2	0	S1 and ((gas oil) with (well bore) and fiber with sensor near gas)	US-PGPUB; USPAT	OR	ON	2007/09/26 17:48
S3	96	((gas oil) with (well bore) and fiber with sensor near gas)	US-PGPUB; USPAT	OR	ON	2007/09/26 18:39
S4	36	optical near fiber and (pipeline (well near bore)) and gas with sensor with leak$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 18:16
S5	7	(fiber near optical near cable and (gas oil) with pipeline and leak$5 with detect$5 same fiber$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 18:17

S6	1	("6804008").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/26 18:40
S7	502	optical near fiber near sensor and bragg near grating and (gas oil pipeline well bore)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 20:46
S8	333	S7 and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 18:41
S9	8	S8 and leak$5 with detect$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 18:44
S10	23	S8 and pipeline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 18:44
S11	14	(US-20030192692-$ or US-20050046861-$ or US-20040216514-$ or US-20020125413-$).did. or (US-4661320-$ or US-5166990-$ or US-5233194-$ or US-6725705-$ or US-6804008-$ or US-4590462-$ or US-5208465-$ or US-6753520-$ or US-6876786-$).did. or (CN-1414283-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/26 18:47
S12	107	optical near fiber near cable and (pipeline with gas or (oil near well bore)) and sensor and leak$5 with detection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 20:57
S13	2060	optical near fiber near cable and (pipeline with gas or (oil near well bore))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 20:57
S14	78	optical near fiber near cable and (pipeline with gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/28 12:30
S15	2	((("5445795") or ("5647435")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/09 10:50

S16	30	("4032297" | "4159304" | "4245997" | "4668635" | "4752447" | "4782234" | "4826774" | "4846548" | "4863694" | "4892383" | "4897551" | "4913881" | "4963324" | "4973561" | "5010776" | "5039491" | "5157261" | "5186153" | "5244813" | "Re31879"). PN. OR ("5445795"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/09 10:52
S18	1	S17 and (cable near3 (jacket buffer coat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/09 10:55
S19	42	(gas near detector) and (optic$ near fiber near detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/09 10:56
S20	1	S19 and pipeline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/09 10:58
S21	2	(("4756510") or ("4654520")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/09 11:03
S22	36	((polyamide amide) with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 18:49
S23	1	(10/992047).APP.	USPAT; USOCR	OR	OFF	2009/02/28 18:50
S24	2	("6016702" | "6668105"). PN. OR ("7050662"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/28 18:50
S25	6549	((polyamide amide) near4 rubber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 18:51
S26	2614	S25 and coating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 18:51
S27	36	S26 and optical near fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 18:51
S28	7	S22 and (gas oil)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 19:04
S29	0	(09/797512).APP.	USPAT; USOCR	OR	OFF	2009/02/28 19:11

S30	28	(US-20040216514-$ or US-20040048131-$ or US-20050046861-$ or US-20030192692-$ or US-20020125413-$ or US-20070081773-$).did. or (US-6725705-$ or US-4590462-$ or US-5166990-$ or US-4661320-$ or US-6753520-$ or US-5233194-$ or US-6804008-$ or US-6876786-$ or US-6536463-$ or US-6561488-$ or US-5208465-$ or US-6067392-$ or US-6016702-$).did. or (JP-04115205-$).did. or (CN-1330438-$ or CA-2105094-$ or JP-11095040-$ or BE-1014702-$ or EP-978715-$ or CN-1414283-$ or GB-2368119-$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/02/28 19:27
S31	16	S30 and leak$5	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/02/28 19:27
S32	1	("6586723").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/28 19:35
S33	30	voet.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 19:43
S34	176	voet.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/28 19:43

12/5/2009 1:10:29 PM
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Optical Fiber w Gas Sensor for Pipeline Application.wsp